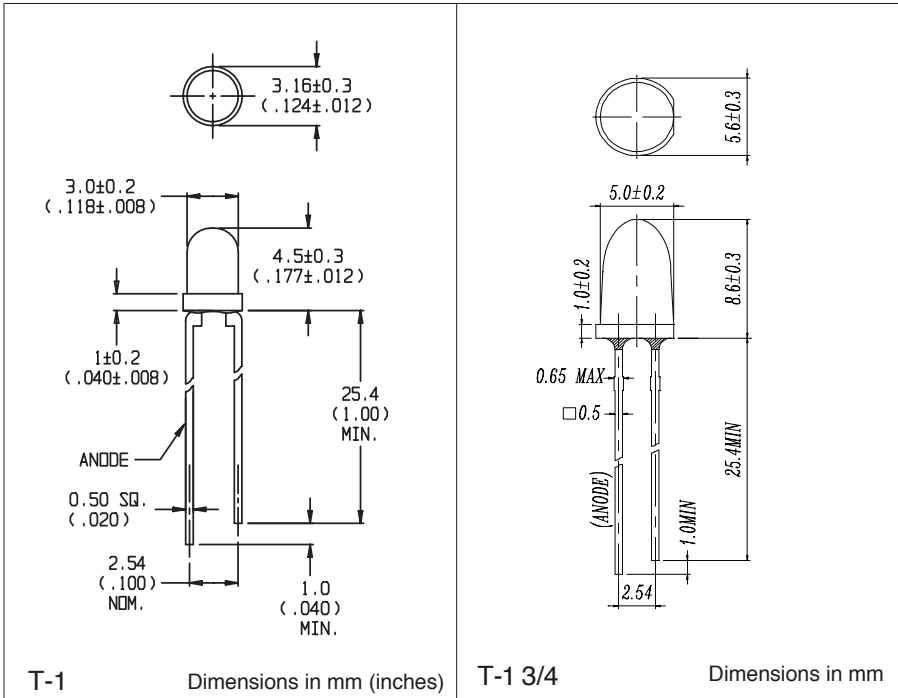




CMD264 and CMD383 Series T-1 and T-1 3/4 Blue LED Lamps



LED lamps emit a true blue color (430 nm) for those design engineers looking for that fourth status color. Lamps are manufactured with state of the art Silicon Carbide (SiC) technology.

LED lamps are available in both T-1 and T-1 3/4 package sizes, in both diffused and non-diffused lens types.

Electro-Optical Characteristics and Ratings

	T-1	T-1 3/4
PART NUMBER	CMD264-UBD	CMD383UBC/H2
Output Color	Blue	Blue
Diffusion	Diffused	Non-Diffused
Package Color	Blue	Clear
Test Current (mA)	20	20
Forward Voltage Typ. (V)	3.8	3.8
Forward Voltage Max. (V)	4.5	4.5
Luminous Intensity Min. (mcd)	60	400
Luminous Intensity Typ. (mcd)	110	630
Luminous Intensity Max. (mcd)	-	-
Peak Wavelength (nm)	428	430
Viewing Angle 20 1/2 (degrees)	32	30
Power Dissipation (mW)	140	70
Operating Temperature (°C)	-40 to +85	-40 to +80
Storage Temperature (°C)	-40 to +100	-40 to +100
Peak Forward Current Max. (1µs @ 10% duty cycle) (mA)	70	140
Reverse Voltage (IR=100µA) (V)	5	5
Lead Solder Time @ 260°C	5	5